

Peak District National Park

Forecast valid from 06:00 on Wednesday 20 Oct 2021 until 23:59 on Thursday 21 Oct 2021

Forecast Issued on Wednesday 20 Oct 2021 at 03:15

Confidence: Low for timings of rainfall on Wednesday but high for a change to colder and brighter weather for Thursday. Some uncertainty in timing of rain moving into the UK late Saturday.

Headline for Wednesday 20 Oct 2021: Dry start then a spell of rain, possibly heavy. Windy.

Mountain weather hazards on Wednesday 20 Oct 2021

Blizzards

No Likelihood

Gales

Low Likelihood

Thunderstorms

Low Likelihood

Heavy Snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Sunny intervals	Thunderstorm	Heavy Rain	Dull	Cloudy	Cloudy
Precipitation probability					
20%	30%	70%	40%	20%	20%

Forecast for Wednesday 20 Oct 2021

Weather: A dry and bright start, but cloud and showery rain spreading northeast, turning heavy and possibly thundery for a time, before clearing during the afternoon. Brightening up towards the end of the day then clear spells and isolated showers in the evening, merging to a longer spells of rain towards midnight.

Chance of cloud free mountain/hill tops above 600m: 90% early and late but reducing to 60% for a few hours during the day.

Visibility: Mostly good air clarity but areas of cloud will lower onto the higher tops as rain arrives, bases typically 600m with lower patches, then lifting off the summits again in the afternoon. Low cloud returning to tops late in the evening.

Forecast for Wednesday 20 Oct 2021

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/23 SW	16/21 SW	25/33 SW	18/25 W	15/21 W	16/21 W	20/29 W
300	10/16 SW	11/16 SW	19/28 SW	14/21 W	10/15 W	11/16 SW	13/23 W
Valley	6/16 SW	6/13 SW	12/25 SW	10/20 W	6/14 W	5/13 SW	8/21 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/4	8/5	9/4	6/2	5/0	4/0	5/-0
300	10/8	11/8	11/8	9/5	8/5	7/4	7/4
Valley	11/10	11/10	12/9	9/7	8/6	7/6	7/5
Freezing Level*	1700m	1900m	1800m	1600m	1200m	1300m	1300m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Rain may turn heavy for a short time during the day with a low risk of hail and thunder. Sudden strong gusts of 40-50mph are possible in heavy rain.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 20 Oct 2021	8.6mm	13.4mm	20.2mm

Forecast for Thursday 21 Oct 2021

Weather: Mainly dry with long clear or sunny spells but feeling very cold in the strong northwesterly winds. The odd shower is possible, wintry above 600m, becoming more widespread by evening.

Maximum wind: Northwest 20-30mph, gusts 45mph.

Chance of cloud free mountain/hill tops above 600m: 90%.

Visibility: Excellent air clarity. Brief reductions in showers with a little summit cloud at times.

Temperature: **Valleys:** Plus 6 Celsius rising to 8 or 9 Celsius.
At 600m: Plus 1 Celsius rising to 4 Celsius.
Freezing level: 600m rising to 900m.